ABSTRACT

A data communication system is configured to communicatively link a host device and a client device with a point-to-point data communication link, where the point-to-point data communication link is configured with multipoint network data communication components designed for data communication over a distributed network. A data communication interface at the host device is communicatively linked with a data communication interface driver via the point-to-point data communication link between the host device and the client device. The data communication interface driver communicates with a virtual driver component for the client device via a virtual network at the client device.